

What is claimed is;

1. A radioactive waste treatment facility comprising;
 a transferring means for transferring solidifying
 5 container,
 a solidifying agent injecting and kneading means for
 preparing a solidifying agent paste by kneading a
 solidifying agent and additive water, and injecting said
 solidifying agent paste into said solidifying container
 10 at a first location of the upstream side in a transferring
 direction of said transferring means, and
 a waste charging and kneading means, which is capable
 of charging radioactive waste into said solidifying
 container at the second location in the downstream of the
 15 first location in the transferring direction of the
 transferring means and of kneading the radioactive waste
 in said solidifying container.

2. A radioactive waste treatment facility as claimed
 20 in claim 1, wherein;
 said solidifying agent injecting and kneading
 means comprises;
 a kneading vessel, whereto the solidifying agent and
 the additive water is supplied;
 25 a first kneading blade for agitating inside of said
 kneading vessel;
 an out-drum type kneader of solidifying agent for
 preparing said solidifying agent paste; and

RECEIVED
U.S. PATENT AND TRADEMARK OFFICE

an injecting means for injecting said solidifying agent paste in said kneader of solidifying agent into said solidifying container.

5 3. A radioactive waste treatment facility as claimed in claim 1, wherein;

 said waste charging and kneading means comprises;
 an elevating means for elevating said solidifying container, which has been transferred to the second 10 location by said transferring means, upward from transferring line of said transferring means; and
 an in-drum type waste kneader, which charges radioactive waste into said elevated solidifying container and performs kneading in said solidifying 15 container with second kneading blades.

4. A radioactive waste treatment facility as claimed in claim 1, wherein;

 said solidifying agent injecting and kneading 20 means is installed in an area separated by partition wall from said waste charging and kneading means.